

Portfolio for the MiSeq®

LymphoTrack Assays

LymphoTrack Assays represent a significant improvement over existing clonality assays as they efficiently detect the majority of B- and T-cell gene rearrangements and at the same time, identify the specific DNA sequence for each clonal gene rearrangement.

Therefore, these products have two important and complementary uses: aiding in the detection of initial clonal populations, and identifying sequence information required to track those clones in subsequent samples.

In addition, the LymphoTrack *IGH* and *IGHV* Leader Somatic Hypermutation Assays define the extent of somatic hypermutation present in the *IGHV* gene of analyzed samples.

Our LymphoTrack multiplex master mixes are designed with Illumina® adapters and up to 24 indices. This allows for a one-step PCR and pooling of amplicons from several different samples and targets onto a single Illumina® MiSeq® flow cell.

Our LymphoTrack MRD Software allows for easy identification of residual clonotype sequences in subsequent samples.

Key Benefits

- One-step PCR for amplicon and library generation
- Identify, track, and assess mutation status of B- and T-cell gene rearrangements
- Sequence amplicons from any LymphoTrack kit together
- Included bioinformatics software for easy analysis and interpretation
- Same reagents for clonality, somatic hypermutation, and minimal residual disease (MRD) testing

Ordering Information

CATALOG #	PRODUCTS	QUANTITY
7-121-0129	LymphoTrack® <i>IGH</i> FR1/2/3 Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-121-0139	LymphoTrack® <i>IGH</i> FR1/2/3 Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-121-0009	LymphoTrack® <i>IGH</i> FR1 Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-121-0039	LymphoTrack® <i>IGH</i> FR1 Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-121-0089	LymphoTrack® <i>IGH</i> FR2 Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-121-0099	LymphoTrack® <i>IGH</i> FR2 Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-121-0109	LymphoTrack® <i>IGH</i> FR3 Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-121-0119	LymphoTrack® <i>IGH</i> FR3 Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-121-0059	LymphoTrack® <i>IGHV</i> Leader Somatic Hypermutation Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-121-0069	LymphoTrack® <i>IGHV</i> Leader Somatic Hypermutation Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-122-0009	LymphoTrack® <i>IGK</i> Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-122-0019	LymphoTrack® <i>IGK</i> Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-225-0009	LymphoTrack® <i>TRB</i> Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-225-0019	LymphoTrack® <i>TRB</i> Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-227-0019	LymphoTrack® <i>TRG</i> Assay Kit A - MiSeq®	8 indices - 5 sequencing reactions each
7-227-0009	LymphoTrack® <i>TRG</i> Assay Panel - MiSeq®	24 indices - 5 sequencing reactions each
7-500-0009	LymphoTrack® Software - MiSeq®	1 CD complimentary with purchase
7-500-0008	LymphoTrack® MRD Software	1 CD complimentary with purchase

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